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Amer Math Soc
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E. K. Belova, 3 pp.

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VOL. 137, NOS. 1-6. Nov 62, 1v.
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v. 137, no. 1, p. 72-82, 135-183; no. 2, p. 327-330,
373-414; no. 3, p. 572-583, 657-694; no. 4, p. 844-
851, 915-950, 957-960; no. 5, p. 1098-1105, 1166-
1213; no. 6, p. 1427-1447.

DESCRIPTORS: Earth, *Geochemistry, *Geology,
*Geophysics, *Hydrology, *Stratigraphy, *Miner-
alogy, *Paleoecology, *Petrology.

(Earth Sciences, TT, v. 10, no. 3)

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(DC-6224)

The Long-Range Prediction of Anomalies of
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JPRS 8959

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(DD-5224)

The Use of a Full System of Thermodynamic
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Vol CXXXVII *Vol 1*
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JPRS 6959

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REFINING THE VALUES OF THE CONSTANTS IN
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[5]p. 21 refs.

Order from OTS or SLA \$1.10

63-13859

Trans. of Akad[emiya] Nauk SSSR. (Doklady, 1961,
v. 137, no. 1, p. 109-110.

DESCRIPTORS: *Heat of formation, Combustion,
*Pentanes, Liquids, Gases, *Butanes, Methyl
radicals, *Hexanes, *Heptanes.

(Chemistry--Physical, TT, v. 9, no. 12)

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- III. Translations, New York
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Apr 62

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Trans. of Akad[emiya] Nauk SSSR. Doklady, 1961,
v. 137 [no. 1] p. 120-122.

DESCRIPTORS: Chemical reactions, *Hydrogen
peroxide, Water, Hydroxides, *Reaction kinetics,
*Chemical equilibrium, Oxides,

(Chemistry--Physical, TT, v. 9, no. 12)

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Sci - Chem
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TIL/T 5257

NZL 11.3520

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Sci - Min/Met

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Order from ATS \$7.55

ATS-34N54R

Trans. of Akad[emiya] Nauk SSSR, Doklady, 1961,
v. 137, no. 1, p. 154-157.

DESCRIPTORS: *Paleoecology, Magnetism, Climate,
USSR.

(Earth Sciences--Geology, TT, v. 7, no. 4)

62-12084

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Orange, N. J.

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OTS 62-15738

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Trans. of Akad[emiya] Nauk SSSR, Doklady, 1961, v. 137, no. 1, p. 162-165.

DESCRIPTORS: *Geophysical prospecting, *Petroleum, Natural gas, Deposits, *Hydrocarbons, Hydrology.

(Earth Sciences--Geology, TT, v. 7, no. 3)

62-12097

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East Orange, N. J.

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V. Ya. Posylnyi.

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Vol CXXXIII, No 1, 1961, pp 178-181.

MLL M 3972

Sci M/M
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Plakunova, V. G.
SUR LA POSSIBILITE DE REGULATION DU pH DU
MILIEU AU COURS DU DEVELOPPEMENT DES
MICROORGANISMES A L'AIDE DES RESINES
ECHANGEUSES d'IONS (Vozmozhnosti Regulirovaniya
pH Sredy po Khodu Razvitiya Mikroorganizmov
s Pomoshch'yu Ionobmennyykh Smol) (The Possibility
of Regulating the pH of the Medium in the Course of
the Development of the Micro-organisms by the Aid
of the Ion Exchange Resins), 9p. (foreign text included)
2 refs. F.R-2600. (text in French).
Order from OIS or ETC \$1.55

62-28019

Trans. of Akademiya Nauk SSSR. Doklady, 1961,
v. 137, no. 1, p. 189-191.

DESCRIPTORS: *Microorganisms, Growth. *Hydrogen
ion concentration, Resins, Ion exchange resins.

62-28019

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Recherche Scientifique

Office of Technical Services

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Phage Reproduction in Irradiated Nonviable
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Nos 1-3, 1961, pp 196-198.

S.L.R. 61-22629

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Vol VI, No 3

Sci

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Kholmogorov, V. E. and Terenin, A. N.
LIGHT-INDUCED ESR (SIGNAL) IN CRYSTALLINE
CHLOROPHYLL, IN THE PRESENCE OF WATER
VAPOR. 31 July 61, 9p. 9 refs.
Order from OTS or SLA \$1.10 UCRL Trans-693

Trans. of Akademiya Nauk SSSR, Doklady, 1961,
v. 137, no. 1, p. 199-202.

DESCRIPTORS: *Water vapor, *Chlorophylls, USSR,
Photoconductivity, Plant pigments, Photosynthesis,
Regeneration, Plants, Growth, *Light, Physiology

The presence of dark and light ESR signals, in crys-
talline and amorphous chlorophyll was disclosed in
connection with measurements that were carried out
simultaneously on photoconductivity and photoselectro-
motive force in natural and synthetic pigments. The
light-induced ESR signal would disappear, reversibly
(Agriculture--Plant Cultivation, TT, v. 6, no. 12)(over)

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Berkeley

HIP
See page 3
Vol VI, No 3
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